

Population Change: Growth and Decline



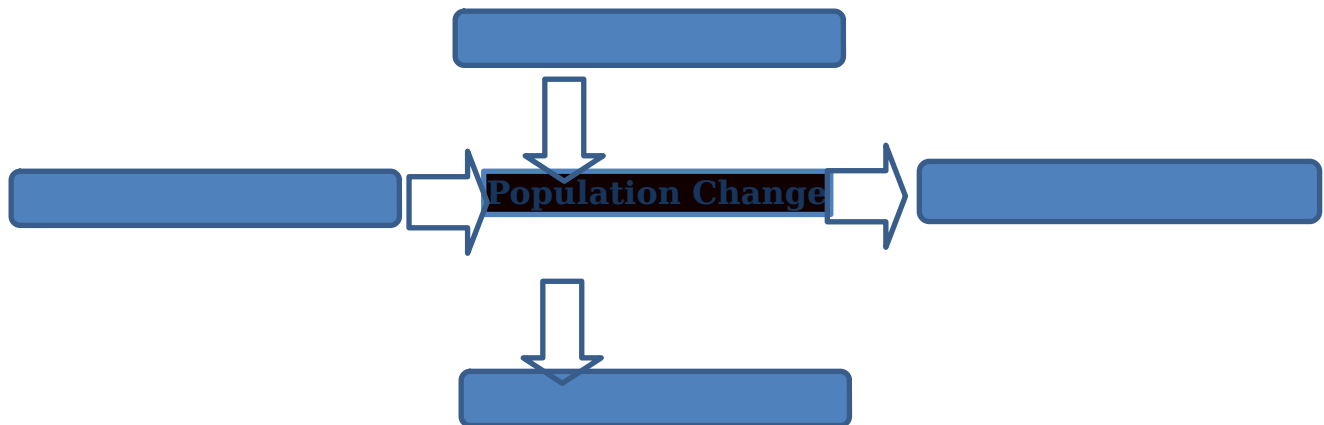
Please note: This task is designed to be completed by hand using a map but locations referred to are best found using National Regional Profiles on the ABS website (www.abs.gov.au). No data is provided for

ACT.

TASK:

1. What is the study of population called?
2. The diagram below shows the components of population change. Insert the words provided below in the appropriate boxes on the diagram.

Births Deaths Immigration Emigration



Populations change through natural increase (difference between births and deaths) and net overseas migration (difference between immigration and emigration). These values may be either positive or negative.

3. On the diagram above draw a circle around the zone representing natural increase.
4. For your own State or Territory, where do you expect there to be:
 - Highest natural increase in population
 - Lowest natural increase in population
5. Data is provided below about natural increase in Local Government Areas in Australia's States and Territories in 2009. Choose a State or Territory.
 - a. Mark areas shown in the table below on a map of your chosen State or Territory. Show the highest increases in red and the lowest in yellow.
 - b. From your map describe the pattern of natural increase in the State or Territory.

How do communities plan for population increase and decline? **DATA:**

	LGAs with the Highest Natural Increase in Population, 2009	LGAs with the Lowest Natural Increase in Population, 2009
NEW SOUTH WALES 153 LGAs ERP 7,134,421	Blacktown (C) 3,755 Liverpool (C) 2,067 Penrith (C) 1,963 Parramatta (C) 1,702 Bankstown (C) 1,676 Sutherland Shire (A) 1,647 Canterbury (C) 1,642 Fairfield (C) 1,555 Campbelltown (C) 1,481 The Hills Shire (A) 1,323	Eurobodalla (A) -216 Great Lakes (A) -105 Shoalhaven (C) -80 Port Macquarie-Hastings (A) -60 Nambucca (A) -28 Gloucester (A) -14 Cootamundra (A) -9 Bombala (A) -7 Wakool (A) -7 Corowa Shire (A) -6
VICTORIA 80 LGAs ERP 5,443,228	Casey (C) 2,837 Wyndham (C) 2,193 Hume (C) 2,033 Brimbank (C) 1,610 Melton (S) 1,558 Whittlesea (C) 1,464 Greater Dandenong (C) 1,202 Moreland (C) 1,138 Yarra Ranges (S) 1,114 Darebin (C) 1,059	Mount Alexander (S) -45 Central Goldfields (S) -30 Hindmarsh (S) -30 Ararat (RC) -29 Buloke (S) -28 Queenscliffe (B) -26 Northern Grampians (S) -21 Gannawarra (S) -17 Bass Coast (S) -15 Towong (S) -10
QUEENSLAND 74 LGAs ERP 4,425,103	Brisbane (C) 9,283 Logan (C) 3,956 Gold Coast (C) 3,813 Moreton Bay (R) 3,684 Ipswich (C) 2,399 Townsville (C) 2,031 Cairns (R) 1,931 Sunshine Coast (R) 1,649 Toowoomba (R) 1,243	McKinlay (S) -1 Mapoon (S) 0 Wujal Wujal (S) 0 Winton (S) 4 Bulloo (S) 5 Croydon (S) 5 Diamantina (S) 5 Boulia (S) 6 Pormpuraaw (S) 7

	Mackay (R)	1,126	Richmond (S)	7
SOUTH AUSTRALIA 71 LGAs ERP 1,623,590	Salisbury (C)	1,120	Holdfast Bay (C)	-82
	Onkaparinga (C)	1,010	Yorke Peninsula (DC)	-43
	Playford (C)	861	Victor Harbor (C)	-38
	Tea Tree Gully (C)	605	Burnside (C)	-36
	Port Adelaide Enfield (C)	489	Walkerville (M)	-31
	Marion (C)	312	Barunga West (DC)	-21
	Charles Sturt (C)	272	Northern Areas (DC)	-6
	Mount Barker (DC)	231	Unley (C)	-5
	Mitcham (C)	211	Copper Coast (DC)	-4
	Campbelltown (C)	196	Flinders Ranges (DC)	-4
WESTERN AUSTRALIA 139 LGAs ERP 2,245,057	Geraldton-Greenough (C)	1,988	East Fremantle (T)	-4
	Serpentine-Jarrahdale (S)	1,516	Halls Creek (S)	-3
	Capel (S)	1,196	Cottesloe (T)	-2
	Williams (S)	1,157	Donnybrook-Balingup (S)	0
	Kondinin (S)	1,145	Carnarvon (S)	0
	Cue (S)	1,047	Cambridge (T)	0
	East Pilbara (S)	998	Mandurah (C)	0
	Beverley (S)	569	Vincent (T)	0
	Nannup (S)	565	Bayswater (C)	0
	Perenjori (S)	487	Canning (C)	0
TASMANIA 29 LGAs ERP 503,292	Launceston (C)	328	Glamorgan/Spring Bay (M)	-4
	Glenorchy (C)	259	King Island (M)	-3
	Clarence (C)	253	Break O'Day (M)	-1
	Brighton (M)	250	Tasman (M)	4
	Kingborough (M)	196	Flinders (M)	7
	Burnie (C)	116	Central Highlands (M)	12
	Sorell (M)	113	Waratah/Wynyard (M)	16
	Meander Valley (M)	92	Dorset (M)	26
	Hobart (C)	85	Northern Midlands (M)	31



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	Huon Valley (M)	76	Latrobe (M)	45
NORTHERN TERRITORY 17 LGAs ERP 225,938	Darwin (C)	790	Wagait (S)	0
	Palmerston (C)	485	Belyuen (S)	3
	Alice Springs (T)	378	Coomalie (S)	8
	Litchfield (S)	200	Tiwi Islands (S)	39
	Katherine (T)	165	Central Desert (S)	59
	East Arnhem (S)	143	MacDonnell (S)	71
	Unincorporated NT	140	Barkly (S)	93
	Roper Gulf (S)	109	West Arnhem (S)	97
	Victoria-Daly (S)	107		
ACT	No data provided			

Source: Births cat. no.3301.0, 2009 and Deaths cat. no.3302.0, 2009 available at www.abs.gov.au

Areas (A), Aboriginal Councils (AC), Boroughs (B), Cities (C), District Councils (DC), Estimated Resident Population (ERP), Local Government Area (LGA), Municipalities/Municipal Councils (M), Regional Councils (R), Rural Cities (RC), Regional Councils (RegC), Shires (S), Towns (T)